

Road Construction Designation Requirements for OACETT Member Categories

OACETT Designation Requirements	Road Construction Junior Inspector (rcji)	Road Construction Senior Inspector (rcsi)	Road Construction Contract Administrator (rcca)
<p>A. Certified Engineering Technologists (C.E.T.)</p> <p>Requirements: Graduation from a 3-year Civil Engineering Technology program (or equivalent), Professional Practice Exam (PPE), Technology Report (TR) and 2 years of work experience in the related field, including the option of one year experience in Canada <u>or</u> the completion of the Internationally Educated Professional Practice Exam (IEPPE) instead of the PPE.</p> <p>Note For electrical and environmental road construction, the appropriate academic program is required.</p>	<p style="text-align: center;">C.E.T., rcji</p> <ul style="list-style-type: none"> • C.E.T. requirements • No additional requirements for rcji 	<p style="text-align: center;">C.E.T., rcsi</p> <ul style="list-style-type: none"> • C.E.T. requirements • ACEC-O Highway Construction Inspection (HCI) course • 1 or more technical OGRA courses may be required. • Minimum 2 years' experience as rcji or minimum 5 years' experience working for Ministry of Transportation as MTO Technician in road construction or equivalent experience 	<p style="text-align: center;">C.E.T., rcca</p> <ul style="list-style-type: none"> • C.E.T. requirements • All requirements of rcsi • ACEC-O Contract Administration (CA) course • 1 or more technical OGRA courses may be required. • Minimum 3 years' experience as rcsi <u>or</u> minimum 3 years' experience as MTO Contract Services Administrator (CSA), Project Supervisor or minimum 5 years' QAO experience working for MTO or equivalent experience.
<p>B. Applied Science Technologist (A.Sc.T.) (no longer conferred)</p> <p>Requirements: Graduation from a 3-year Civil Engineering Technology program (or equivalent), Professional Practice Exam (PPE), Technology Report (TR) and 2 years of work experience in the related field, including the option of one year experience in Canada <u>or</u> the completion of the Internationally Educated Professional Practice Exam (IEPPE) instead of the PPE.</p> <p>Note For electrical and environmental road construction, the appropriate academic program is required.</p>	<p style="text-align: center;">A.Sc.T., rcji</p> <ul style="list-style-type: none"> • A.Sc.T. requirements • No additional requirements for rcji 	<p style="text-align: center;">A.Sc.T., rcsi</p> <ul style="list-style-type: none"> • A.Sc.T. requirements • ACEC-O Highway Construction Inspection (HCI) course • 1 or more technical OGRA courses may be required. • Minimum 2 years' experience as rcji or minimum 5 years' experience working for Ministry of Transportation as • MTO Technician in road construction or equivalent experience 	<p style="text-align: center;">A.Sc.T., rcca</p> <ul style="list-style-type: none"> • A.Sc.T. requirements • All requirements of rcsi • ACEC-O Contract Administration (CA) course • 1 or more technical OGRA courses may be required. • Minimum 3 years' experience as rcsi or minimum 3 years' experience as MTO Contract Services Administrator (CSA), Project Supervisor or minimum 5 years' QAO experience working for MTO or equivalent experience

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<p>C. Certified Technician (C.Tech.)</p> <p>Requirements: Graduation from a 2-year Civil Engineering Technician program (or equivalent), Professional Practice Exam (PPE) and 2 years of work experience in the related field, including the option of one year experience in Canada or the completion of the Internationally Educated Professional Practice Exam (IEPPE) instead of the PPE.</p> <p>Note For electrical and environmental road construction, the appropriate academic program is required.</p>	<p style="text-align: center;">C.Tech., rcji</p> <ul style="list-style-type: none"> • C.Tech. requirements • No additional requirements for rcji 	<p style="text-align: center;">C.Tech., rcsi</p> <ul style="list-style-type: none"> • C.Tech. requirements • ACEC-O Highway Construction Inspection (HCI) course • 2 or more technical OGRA courses may be required. • Minimum 3 years' experience as rcji or minimum 5 years' experience working for Ministry of Transportation as MTO Technician in road construction or equivalent experience. 	<p style="text-align: center;">C.Tech., rcca</p> <ul style="list-style-type: none"> • C.Tech. requirements • All requirements of rcsi • ACEC-O Contract Administration (CA) course • 1 or more technical OGRA courses may be required. • Minimum 4 years' experience as rcsi or minimum 3 years' experience working for Ministry of Transportation as MTO Contract Services Administrator (CSA), Project Supervisor or minimum 5 years' QAO experience working for MTO or equivalent experience.
<p>D. Graduate Technologist</p> <p>Academic requirements: Graduation from a 3-year Civil Engineering Technology Program (or equivalent)</p> <p>Note 1 For electrical and environmental road construction, the appropriate academic program is required.</p> <p>Note 2 Graduate Technologist is an Associate level of membership and all Associates including road constructions members must complete their OACETT certification (C.Tech. or C.E.T.) requirements within 3 or 6 years to maintain their Road Construction designation.</p>	<p style="text-align: center;">Graduate Technologist, rcji</p> <ul style="list-style-type: none"> • Graduate Technologist requirements • No additional requirements for rcji 	<p style="text-align: center;">Graduate Technologist, rcsi</p> <ul style="list-style-type: none"> • Graduate Technologist requirements • ACEC-O Highway Construction Inspection (HCI) course • 1 or more technical OGRA courses may be required. • Minimum 2 years' experience as rcji or minimum 5 years' experience working for Ministry of Transportation as MTO Technician in road construction or equivalent experience 	<p style="text-align: center;">Graduate Technologist, rcca</p> <ul style="list-style-type: none"> • Graduate Technologist requirements • All requirements of rcsi • ACEC-O Contract Administration (CA) course • 1 or more technical OGRA courses may be required. • Minimum 3 years' experience as rcsi or minimum 3 years' working for Ministry of Transportation as MTO Contract Services Administrator (CSA), Project Supervisor or minimum 5 years' QAO experience working for MTO or equivalent experience.

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<p>E. Graduate Technician</p> <p>Academic requirements: Graduation from a 2-year Civil Engineering Technician Program (or equivalent)</p> <p>Note 1 For electrical and environmental road construction, the appropriate academic program is required.</p> <p>Note 2 A Graduate Technician is an Associate level of membership and all Associates including road construction members must complete their OACETT certification (C.Tech. or C.E.T.) requirements within 3 or 6 years to maintain their Road Construction designation.</p>	<p style="text-align: center;">Graduate Technician, rcji</p> <ul style="list-style-type: none"> • Graduate Technician requirements • No additional requirements for rcji 	<p style="text-align: center;">Graduate Technician, rcsi</p> <ul style="list-style-type: none"> • Graduate Technician requirements • ACEC-O Highway Construction Inspection (HCI) course • 2 or more technical OGRA courses may be required. • Minimum 3 years' experience as rcji or minimum 5 years' experience working for Ministry of Transportation as MTO Technician in road construction or equivalent experience 	<p style="text-align: center;">Graduate Technician, rcca</p> <ul style="list-style-type: none"> • Graduate Technician requirements • All requirements of a rcsi • ACEC-O Contract Administration (CA) course • 1 or more technical OGRA courses may be required. • Minimum 4 years' experience as rcsi or minimum 3 years' experience working for Ministry of Transportation as MTO Contract Services Administrator (CSA), Project Supervisor or minimum 5 years' QAO experience working for MTO or equivalent experience.
<p>F. Technical Specialist</p> <p>Academic requirements: Minimum of 6 academic credits from a post-secondary program (or equivalent)</p> <p>Note 1 For electrical and environmental road construction, the appropriate academic program is required.</p> <p>Note 2 Technical Specialist is an Associate level of membership and all Associates including road constructions members must complete their OACETT certification (C.Tech. or C.E.T.) requirements within 3 or 6 years to maintain their Road Construction designation.</p>	<p style="text-align: center;">Technical Specialist, rcji</p> <ul style="list-style-type: none"> • Technical Specialist requirements • Minimum 1 year of experience with Ministry of Transportation as assistant inspector, checker, or office administrative assistant in road construction 	<p style="text-align: center;">Technical Specialist, rcsi</p> <ul style="list-style-type: none"> • Technical Specialist requirements • ACEC-O Highway Construction Inspection (HCI) course • 2 or more technical OGRA courses may be required. • Minimum of 5 years' experience as rcji or minimum 5 years' working for Ministry of Transportation as MTO Technician in road construction or equivalent experience. 	<p style="text-align: center;">Technical Specialist, rcca</p> <ul style="list-style-type: none"> • Technical Specialist requirements • All the requirements of rcsi • ACEC-O Contract Administration (CA) course • 2 or more technical OGRA courses may be required. • Minimum 5 years' experience as rcsi or minimum 3 years' experience working for Ministry of Transportation as MTO Contract Services Administrator (CSA), Project Supervisor or minimum 5 years' QAO experience working for MTO or equivalent experience.

Road Construction Designation Requirements for OACETT Member Categories

Notes:

1. An applicant can apply for OACETT and the Road Construction Designation at the same time. Two applications will be required to be completed.
2. A rcca allows you to perform all the duties of a rcsi or rcji. Similarly, a rcsi allows you to perform all the duties of a rcji.
3. Members with the rcca will be required to complete the ACEC-Ontario Road Construction Contract Administration Recertification course on a 3-year cycle to maintain their rcca designation.



Road Construction Designation Program Acronyms and Definitions

Organizations/Associations

ACEC-Ontario	Association of Consulting Engineering Companies - Ontario
MTO	Ministry of Transportation of Ontario
OGRA	Ontario Good Roads Association

OACETT Protected Designations for Certified Members (The OACETT Act 1998)

C.Tech.	Certified Technician
C.E.T.	Certified Engineering Technologist
A.Sc.T.	Applied Science Technologist (No longer awarded)

OACETT Associate Member Categories for Road Construction

Graduate Technologist	Graduate from a 3-year engineering technology program
Graduate Technician	Graduate from a 2-year engineering technology program
Technical Specialist	Other applicants who do not fall under the above categories.

Note: Associate members must be certified to C.Tech. or C.E.T. within 3 or 6 years depending on outstanding academics and experience competencies to maintain their road construction designation.

OACETT/MTO Road Construction Designations

rcji	Road Construction Junior Inspector
rCSI	Road Construction Senior Inspector
rcca	Road Construction Contract Administrator

Other MTO Job Categories or Titles

QAO	Quality Assurance Officer
CSA	Contract Services Administrator
MTO Technician	Technician with MTO
Checker	Clerical jobsite position (usually entry level)
Office Administrator	Clerical office position (usually entry level)
Project Supervisor	Person who administers overseas road construction contracts including municipal contracts.

Approved Courses

Contract Administration (CA) Course	Available through ACEC-Ontario
Highway Construction Inspection (HCI) Course	Available through ACEC-Ontario
Road Construction Contract Administration Recertification Course	Available through ACEC-Ontario
Scott McKay Soils Technology Course	Available through OGRA-Ontario
Scott McKay Concrete Technology Course	Available through OGRA-Ontario
Scott McKay Bituminous Technology Course	Available through OGRA-Ontario
Scott McKay General Inspection Course	Available through OGRA-Ontario

Additional Terms

One (1) contract year equals 7 continuous months' employment; or not less than 7 months within a calendar year or a 12-month period.